S/052/62/007/001/005/005
Formulas for extrapolation of . . . C111/C444

$$\varphi_0\left(\lambda_n\right) = \exp\left\{-\frac{1}{2\pi i}\int_{-\infty}^{\infty} \frac{1+\lambda_n w}{\lambda_n - w} \log \left[ \frac{(1+\lambda_n^2)^{-1} \lambda_n^2 F(0,\dots,0,d\lambda_n)}{\left(\int\limits_{-\infty}^{\infty} \frac{\lambda_n^2}{1+\lambda_n^2} F(0,\dots,0,d\lambda_n)\right) \times d\lambda_n} \right] \frac{d\lambda_n}{1+\lambda_n^2} + i\alpha \right\}$$

(x being an arbitrary real number).

Here  $P_n^-$  denotes the space of the n-dimensional vectors  $\lambda$  with the excluded point  $\lambda = 0$ ; Z(S) is a random measure in  $P_n^-$ ,  $F(S) = -M |Z(S)|^2$ .

Theorem 1 gives necessary and sufficient conditions for the regularity of a field.

For several special random fields one obtains explicite extrapolation formulas by reducing the extrapolation of the fields to the extrapolation of the processes.

Card 4/5

#### "APPROVED FOR RELEASE: 06/13/2000

Formulas for extrapolation of . . .

CIA-RDP86-00513R000413520011-4

S/052/62/007/001/005/005 C111/C444

The author mentions: Kolmogorov, Kreyn, Chiang Tse-pei. He thanks A. M. Yaglom for the guidance of his paper.

There are 9 Soviet-bloc and 3 non-Soviet-bloc references. SUBMITTED: March 3, 1960

1

Card 5/5

FORTUS, M.I.; YAGLOM, A.M.

Evaluation of the coefficients of the linear combination of defined functions in the presence of noise with rational spectra. Probl. pered. inform. no.14:136-150 '63. (MIRA 16:12)

#### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413520011-4

L 13397-63

BDS/EWT(1)/FCC(w)

AFFTC/ASD IJP(C)

ACCESSION NR: AP3001462

8/0052/63/008/002/0220/0223

AUTHOR: Fortus, M. I. (Moscov)

52

20214011

TITIE: Extrapolation of a random field satisfying the wave equation

SOURCE: Teoriya veroyatnostey i yeye primeneniya, v. 8, no.2, 1963, 220-223

TOPIC TAGS: linear extrapolation, random field, ergodic process

ABSTRACT: The random field u(t,x), which is a solution of the wave equation, is represented as the sum of two uncorrelated stationary processes. Under an assumption of ergodicity, and under the assumption that the field is known in a semi-infinite strip, best linear extrapolation formulas in the mean square sense, and corresponding mean square errors, are derived for values of the field outside the strip. Orig. art. Has: 16 formulas and 1 figure.

ASSOCIATION: none

SUBMITTED! 19Dec61

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 005

OTHER: 000

Card 1/1

L 13502-65

ENT(1)/FCC

ASD(d)/ESD(dp) G.

ACCESSION NR: AT4047189

\$/2531/64/000/165/0027/0039

AUTHOR: Fortus, M. I.

TITLE: Three-dimensional spatial structure of the geopotential field

SOURCE: Leningrad. Glavnaya geofizichoskiay observatoriya. Trudy\*, no. 165, 1964. Primeneniye statisticheskikh metodov v meteorologii (Use of statistical methods in meteorology), 27-29

TOPIC TAGS: atmospheric geopotential field, weather forecasting, atmospheric pressure field, meteorological correlation function, meteorological structural function

At present, meteorologists for the most part use only the simplest ABSTRACT: statistical characteristics -- mean values, dispersions and correlation coefficients of meteorological values. This article presents certain new data on the statistical characteristics of the most important meteorological field, the geopotential field H(xy y, p, t), determining the values of atmospheric pressure at different points at different times. Specifically, the author derives the space correlation functions of the geopotential of isobaric surfaces and proposes approximations of the derived functions using simple formulas. In

Card 1/2

L 13502-65

ACCESSION NR: AT4047189

section 1 the author cites earlier papers containing data on empirical correlation and structural functions of the geopotential field and examples of the use of these data for the purpose of an objective analysis of meteorological charts and the solution of certain problems arising in numerical forecasting by the solution of the differential equations of hydrothermodynamics. In section 2 the results obtained in those studies are considered in greater detail. It is noted that in all earlier studies the authors considered the geopotential field only from a two-dimensional point of view H(x, y, t). In this study the author makes a three-dimensional study, using five isobaric surfaces (1000, 850, 700, 500 and 300 mb), and computes 15 correlation functions. The method for smoothing the functions is described, followed by their analysis. Particular attention is given to a comparison of correlation functions corresponding to five different levels. The analysis yielded information on the mean longitudinal values of dispersion for all five levels. Orig. art. has: 15 formulas, 5 figures and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00 NO REF SOV: 006

2/2

ENCL: 00 OTHER: 000 SUB CODE: ES

FORTUSHTIKO. A. D.

D-45 FORTUSHTIKO. A. D., Ed. 50 let radio (Fifty years of radio).
Moscow. Gos, izd-vo lit-ry po voprosam svyazi i radio,
1945. 382p. DIC TK6548.R9F67; OUMF No. 200-H.

A pamphlet containing material for reporters covering the celebration of the fiftieth anniversary of the invention of radio by A.S. Porov. The pamphlet was approved by the Committee of the Council of Ministers of the USIR for organizing the celebration.

FORTUSHENKO, A.D., redaktor; USHOMIRSKAYA, M.M., redaktor; VEYNTRAUB, A.B., teknnicheskiy redaktor

[60 years of radio; a collection of scientific and technical articles] 60 let radio; nauchno-tekhnicheskii sbornik. Moskva, Gos. isd-vo lit-ry po voprosam sviazi i radio, 1955. 341 p. (MIRA 8:8) (Radio)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413520011-4"

#### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413520011-4

USSR/Electronics - Communications

Card 1/1

Pub. 133 - 2/16

Authors

Fortushenko, A. D.

Title

Radio communication and radio broadcasting in the Soviet Union

Periodical : Vest. svyazi 5, 3-5, May 1955

Abstract

The role of radio as the only media of communication with northern, and far-eastern regions of the USSR is stressed, and a general description of the successive steps in the development of radio communication and radio broadcasting, is given. In addition, the article also relates that in recent years, new types of radio transmitters were produced by the industry. Namely, the KV-678, KV-5, PK-2, and PK-4, and that 300, 000 television sets of the type "Temp", "Avangard", and "Sever" were produced in 1954. Names of several Soviet scientists and engineers who contributed to the above mentioned developments are listed. Illustrations.

Institution:

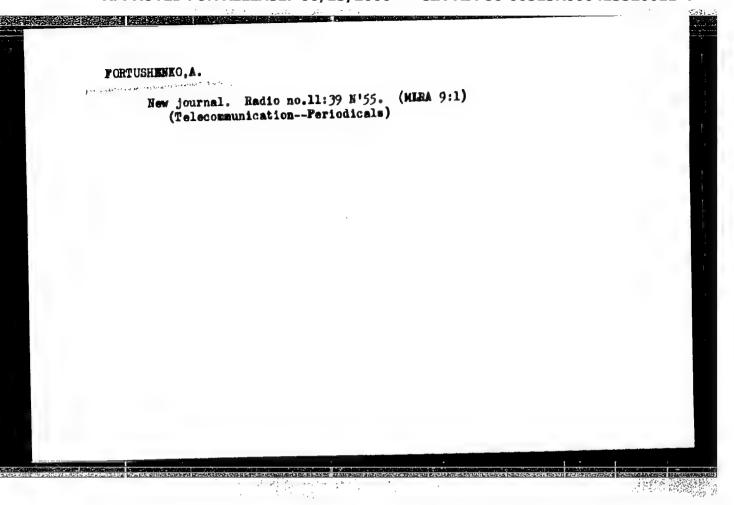
Submitted

FCRTUSHENKO, A. D. (Cend-Tech-Sci, Vice-Chairman, Technical Council, Ministry of Communications USSR.)

"SOME IMPORTANT TASKS IN INTRODUCING NEW TECHNIQUES IN THE COMMUNICATIONS FIELDS".

Vestnik Svyazi, No 10, Moscow, 1955 pp 3-4.

Translation M-1231, 18 Sep 56.



#### CIA-RDP86-00513R000413520011-4 "APPROVED FOR RELEASE: 06/13/2000

FORTUSHENKO, AND

Call Nr: TK 5101.F 35

AUTHORS:

MARKET SUBMILLE SUBMIT

Fedorovich, Ye.G., Frolov, P. A.

TITLE:

Ways for Further Technical Progress of Means of Communication (Puti dal'neyshego tekhnicheskogo progressa sredstv svyazi) Courses in Communication Technology (Lektsii po tekhnike svyazi)

PUB.DATA:

Gosudarstvennoye izdatel'stvo literatury po voprosam svyazi i radio, Moscow, 1956, 34 pages, 12,000 copies

ORIG. AGENCY:

Technical Administration of the Ministry of

Communcations of the USSR

EDITORS:

Chief Ed: Fortushenko, A.D.; Ed: Leybov, M. K.; Tech.Ed: Sushkevich, V.I.;

PURPOSE:

The preface, signed by the Technical Administration of the Ministry of Communications, USSR, states that the monograph "is in essence a summary written to assist people giving reports who are managers of administrations and communication concerns." It is presented as part

Card 1/4

Call Nr: TK 5101.F 35 Ways for Further Technical Progress of Means of Communication (Cont.) of a lecture series on communication technology. This booklet is a brief description of the principal COVERAGE: objectives and trends in the technical development of communication facilities in the Sixth Five-Year Plan. Mention is made of the organization in 1956 of the Central Scientific Research Institute for Telephone Technique in Leningrad (NIITS) and of the Kiyev branch of the Central Scientific Research Institute for Communications (Taniis). There are no bibliographic references. TABLE OF CONTENTS 3 Preface Introduction I. Results of completion of the Fifth Five-Year Plan in II. the development of means of communication Basic indices of the development of communications III. 8 in the Sixth Five-Year Plan Card 2/1

	IV.	Principal trends of technical progress	10
	1.	Creation of new systems and apparatus	11
	2.	Mechanization of heavy and labor-consuming operations	23
	3.	Modernization of existing equipment and apparatus	24
	4.	Economic efficiency of technical solutions	25
	5.	New scientific and technical problems	27
	٧.,	Development of a scientific and technical foundation	30
ard 3/4			

Call Nr: TK 5101.F 35 Ways for Further Technical Progress of Means of Communication (Cont.)

VI. Tasks in the field of technical information and

propaganda

32

AVAILABLE:

Library of Congress

Card 4/4

BORODICH, S.V.; KALININ, A.I.; FORTUSHENKO, A.D., otvetstvennyy redaktor; GRIGOR'YEV, B.S., redaktor; VEYNTRAUB, A.B., tekhnicheskiy redaktor

[Handbook for electrocommunications engineering] Inzhenernotekhnicheskii spravochnik po elektrosviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio. Vol. 7. [Radio relay systems] Radioreleinye linii. 1956. 172 p. (MIRA 9:9)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. (Radio relay systems)

FORTUSHENKO, A, THASE I BOOK EXPLOITATION

282

Fortushenko, Aleksandr Dmitriyevich, Candidate of Technical Sciences

Razvitiye sredstv svyazi v SSSR za 40 let (40 years of Development of the Means of Communication in the U.S.S.R.) Moscow, Izd-vo "Znaniy", 1957. 31 p. (Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy. Seriya IV, 1957, no. 35) 61,000 copies printed.

Ed.: Faynboym, I. B.; Tech. Ed.: Gubin, M. I.

PURPOSE: The booklet is intended to present in popular style the progress of Soviet communication facilities in the 40 years since the October Revo-

lution of 1917.

COVERAGE: The book starts with a short description of 19th and early 20th century researches in the fields of telegraphy, telephony and tele-communications, and the state of Russian means of communications on the eve of the October revolution. The following chapters describe progress since achieved in the realms of postal, telegraphic,

Card 1/3

40 years of Development of the Means of Communication in the U.S.S.R.

282

Russian and Soviet scientists and research institutes are mentioned in connection with their works. Among them are Agapov, I. F., mentioned as having developed in 1947 a system of two-frequency radiotelegraph, Borodich, S. V., who completed in 1956 a new 60-120 channel radio relay system in the 1600-2000 mc band covering vast areas in European and Asiatic USSR; Shmakov, P. V., head of the Leningrad Telecommunication Institure which in 1956 gave a public demonstration of colored television; the Tsentral'nyy nauchno-issledovatel'skiy institut svyazi and which with the "Krasnaya Zvezda" plant developed in 1938-40 a 12-channel system of multiplexing aerial lines with frequencies up to 150 kc. Several types of multiplexing systems and other apparatus of Soviet production are described. There are no references.

#### TABLE OF CONTENTS:

Postal communications

Long distance aerial and cable line communication

Card 2/3

7

7.8

40 years of Development of the Means of Communication in the U.S.S.R.	,		
Radio communication	1:		
Radio relay lines	1		
Intercity long-distance telephones			
Local telephone exchanges	1		
	2		
Telegraph	2		
Phototelograph	2		
Radio Broadcasting			
Radio broadcasting receiving network	2		
Television broadcasting	2		
AVAILABLE: Library of Congress			
Card 3/3 JJP/gmp May 27, 1956			

#### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000413520011-4

108-7-11/13

AUTHOR:

TITLE:

Allunion Scientific Session, dedicated to the Dampor Radio.

(Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio,

PERIODICAL:

Radiotekhnika, 1957, Vol 12, Nr 7, pp 75-79 (U.S.S.R.)

ABSTRACT:

About 2000 collaborators as well as representatives from foreign countries, among them also those of the American Society of Radio Engineers, participated in the session taking place from

20. to 25. May 1957.

The following participants spoke at the main session:
A.D.FORTUSHENKO on "Ways of technical development of electro

telecommunication".

YE.A.GAYLISH on "Small parts for mass application".

G.D.GLEBOV on "Semiconductor devices".

S.I.KATAYEV on "Electrical Telescopy".

V.K.TKACH on "Use of radio methods in the research of patho-

logical phenomena in organisms.

A short report was delivered by

A.L.MINTS on "Putting into operation of the radiotechnicaland electron part of the synchrophasotron for 10 billion

electron-volt.

Card 1/2

108-7-11/13

Allunion Scientific Session, dedicated to the Day of Radio.

Twelve sections were working during the session, and a total of 175 lectures was held. The lectures are dealt with in short which were held under the supervision of V.A.KOTEL'NIKOV in the section for information theory, under the supervision of G.S.TSYKIN in the section for semiconductor devices, under the supervision of A.N.KAZANTSEV in the section of radiowave propagation, and under the supervision of P.P.MESYATSEV in the section for radiotechnology.

ASSOCIATION:

Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE:

Library of Congress

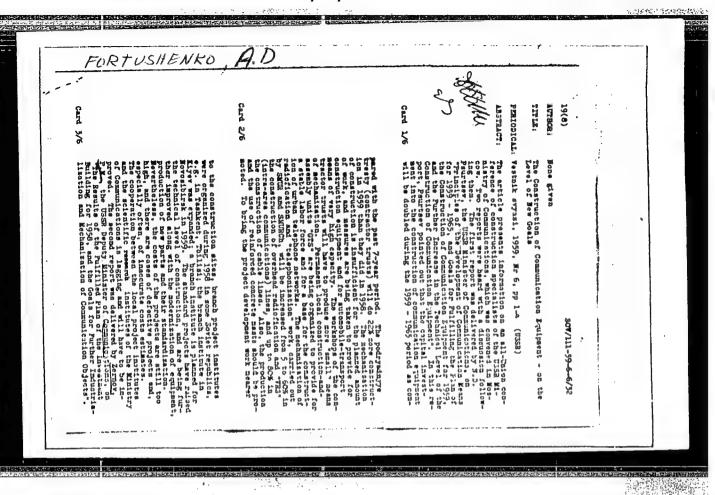
Card 2/2

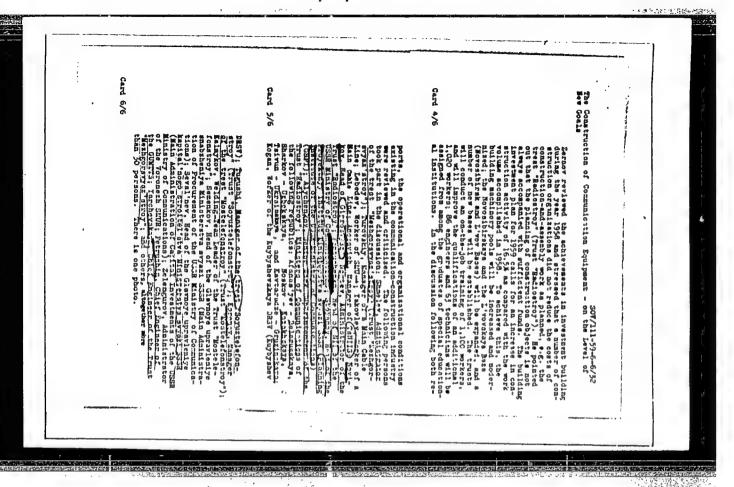
(MIRA 10:11) koy radiotranslyatsionnoy seti. ystems)
west ministry Communication
,
1

IODEO, Yevgeniy Konstantinovich; FORTUSHREEO, A.D., otvetstvennyy red.;
VOROHOVA, A.I., red.; MAZEL, Ye.I., tekhn.red.

[Organization and planning of radio communication and radiobroadcasting] Organizateiia i planirovanie radiosviasi i radioveshcheniia.
Moskva, Goe.izd-vo lit-ry po voproam sviazi i radio, 1958. 543 p.
(Radiobroadcasting) (Radio)

(MIRA 11:6)





FORTUSHENKO, A.D.

New work on the improvement of radiobroadcasting and television engineering. Tekh.kino i telev. 4 no.10:1-7 0'60. (MIRA 13:10)

1. Nachal'nik Mauchno-issledovatel' skogo instituta Ministerstva svyasi SSSR.

(Television) (Radiobroadcasting)

GRODNEV, I.I.; CUMELYA, A.N.; KLIMOV, M.A.; SERGETCHUK, K.Ya.; SHVARTSMAN, V.O.; GRIGOR TEV, B.S., red.; FORTUSHENKO, A.D., red.; BOGACHEVA, G.V., red.; SHEFER, G.I., tekhn.red.

[Electrical communications engineering handbook; cable and overhead communications lines] Inshenerno-tekhnicheskii spravochnik po elektrosviazi; kabel'nye i vozdushnye linii sviazi. Moskva, Gos.isd-vo lit-ry po voprosam sviazi i radio, 1961, 558 p.

(MIRA 14:3)

BOVKUN, Viktor Georgiyevich; KAZARINOV, Ivan Alekseyevich; KOKOSHKIN, Pavel Aleksandrovich; LYUBSKIY, Gennadiy Severianovich; MEDOVAR, Anatoliy Isayevich; PETROV, Viktor Vasil'yevich; PIONTKOVSKIY, Bronislav Aleksandrovich; SERYAKOV, Nikolay Ivanovich; ELINSON, Mikhail Mikhaylovich; SERGEYCHUK, K.Ya., red.; GRIGOR'YEV, B.S., red.; FORTUSHENKO, A.D., red.; BUSANKINA, N.G., red.; SHEFER, G.I., tekhn. red.

[Engineering manual on electric communications; electric equipment] Inzhenerno-tekhnicheskii spravochnik po elektrosviazi; elektroustanovki. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 671 p. (MIRA 15:6) (Telecommunication—Handbooks, manuals, etc.) (Electric engineering—Handbooks, manuals, etc.)

NOVIKOV, Vasiliy Vasil'yevich; ZUBOVSKIY, Leonid Isaakovich;
PRAMNEK, German Fritsevich; KOGAN, Valentina Solomonovna;
KLYKOV, Semen Ivanovich; NAUMOV, Pavel Alekseyevich;
YEMEL'YANOV, Gennadiy Alekseyevich; VORONIN, Nikolay
Isidorovich; SERGEYCHUK, K.Ya., red.; GRIGOR'YEV, B.S., red.;
FORTUSHENKO, A.D., red.; MOVIKOV, V.V., otv. red.; SMOLYAN,
G.L., red.; MARKOCH, K.G., tekhn. red.

[Manual on electric communications; telegraphy] Inzhenernotekhnicheskii spravochnik po elektrosviazi; telegrafiia. [By] V.V.Novikov i dr. Moskva, Sviaz'izdat, 1963. 654 p. (MIRA 16:5)

(Telecommunication-Handbooks, manuals, etc.) (Telegraph-Handbooks, manuals, etc.)

PSURTSEV, N.; KUZ'MIN, V.; DOGADIN, V.; FORTUSHENKO, A., prof.; GUSEV, I.; BLOKHIN, A., kand, tekhn, nauk

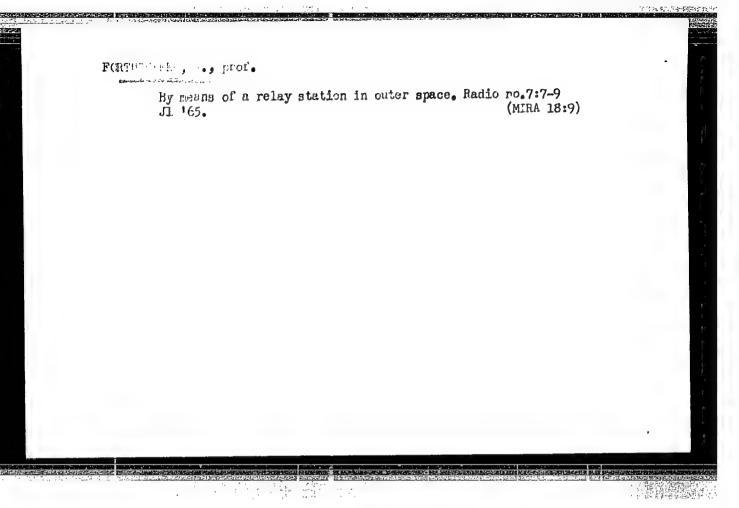
Wealth of the millions. Radio no.8:4-6 Ag 164.

(MIRA 17:11)

l. Ministr svyazi SSSR (for Psurtsev). 2. Nachal'nik Tekhnicheskogo upravleniya Ministerstva svyazi SSSR (for Kuz'min). 3. Zamestitel' nachal'nika Glavnogo upravleniya gorodskoy i sel'skoy telefonnoy svyazi i radiofikatsii (for Degadin). 4. Glavnyy inzh. Glavnogo upravleniya gorodskoy i sel'skoy svyazi i radiofikatsii (for Gusev).

FORTUSHENKO, A.D., prof., red.

[70th anniversary of radio] Radio 70 lst; nauchnoteknicheskii sbornik. Moskva, Sviaz', 1965. 331 p.
(NIRA 18:7)



FSURTSEV, N.; KUZ'MIN, V.; DOGADIN, V.; FORUSHENKO, A., prof.; GUSEV, I.;
BLOKHIN, A., kand. tekhn. nauk

It was accomplished by millions. Radio no.8:4-6 Ag '65.

(MIRA 18:7)

1. Ministr svyazi SSSR (for Psurtsev). 2. Nachal'nik Tekhnicheskogo upravleniya Ministerstva svyazi SSSR (for Kuz'min). 3. Zamestitel' nachal'nika Glavnogo upravleniya gorodskoy i sel'skoy telefonnoy svyazi i radiofikatsii (for Dogadin). 4. Glavnyy inch. Glavnogo upravleniya gorodskoy i sel'skoy telefonnoy svyazi radiofikatsii (for Gusev).

FORTUSHENKO, A.D.

Seventieth anniversary of the invention of radio. Radiotekhnika 20 no.5:5-9 My '65. (MIRA 18:10)

1. Pochetnyy chlen Nauchno-tekhnicheskogr obshehestvan ridiatekmiki i elektrosvyazi imeni Popova.

#### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000413520011-4

L U/12/-0/ EWT(d)/FSS-2/EWT(1)/EEC(k)-2 AST/TT

ACC NR. AN7001058

SOURCE CODE: UR/9012/66/000/150/0004/0004

AUTHOR: Fortushenko, A. (Professor; Technical director of experimental space color transmission project)

ORG: none

47 B

TITLE: Color telecast: Paris-Molniya-I-Moscow

SOURCE: Pravda, 30May66, p. 4. col. 1-2

TOPIC TAGS: color TV, communication satellite/Molniya-l communication satellite

ABSTRACT: On 28 May at the Moscow Television Conter there was a demonstration of reception of color TV. It was transmitted from Paris via the Soviet satellite "Molniya-1". This was the result of an agreement concluded between France and the USSR in March 1965 for cooperation in the joint development of a system for transmission of color television. A test run of the satellite system was made in November 1965 with transmission of a program from Moscow to Paris. On 28 May the TV images were transmitted along a cable to a large antenna situated outside Paris and then to the Soviet satellite, which carries a powerful 40-W transmitter. The transmission was received over a wide area. It was received near Moscow and transmitted by land line to the Moscow Television Center. The color image was shown in an auditorium, automatically magnetically

**Card** 1/2

09240077

L 07127-67		
ACC NR: AN7001058		
recorded and fed to a t	elevicion transmittan	0
USSR and France via the for the program was fed it will be necessary to picture via the satelli	elevision transmitter. Soon it wil nd-white and color TV transmission k "Molniya" satellite. The sound acc along a land cable. For regular to arrange simultaneous transmission of te as is now done for black and whit ng solved by Soviet and French scien	cetween the companiment cansmissions of sound and
SUB CODE: / SUBM DA		
•		
		·
	:	
·	·	
		-
ard 2/2-eg/k		

S

FORTUS HNOU, D.I.

USSR / Human and Animal Morphology (Normal and Pathological).

Skeleton.

Abs Jour : Ref Zhur - Biol., No 21, 1958, No 97150

Author : Fortushnov, D.I.
Inst : Saratov Redical Institute

Inst : Saratov Medical Institute

Title : Some Data on the Development of the Structure of the

Title : Some Data on the Development of the Spongy Substance of Human Vertebras.

Orig Pub : Tr. Kafedr. norm. anatomii, Saratovsk. med. in-t, 1955,

vyp. 1, 88-93

Abstract : No abstract.

Card 1/1

FORTUSHNOV, Dmitriy Ivanovich

To the Question Concerning Structures of the Lumbar-Sacral Sections of the Spinal Column and Clinical Significance of Several Variants of its Breaks

Dissertation for dandidate of Medical Science degree, Chair of Normal Anatomy (head, Prof. V.I. Bik) Saratov Medical Institute, 1952

FORTUSHNYI, V. A. and KAPUSTIN, I. K. (Candidate of Veterinary Sciences and Veterinary Surgeon, UNIIEV).

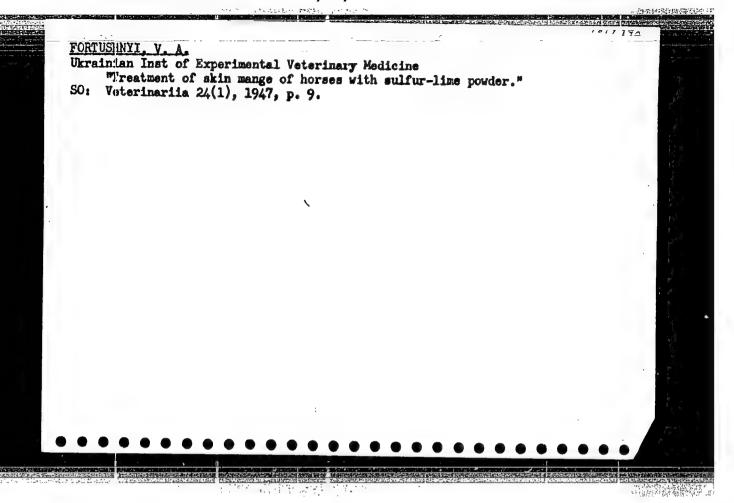
"Penicillin in eye therapy"

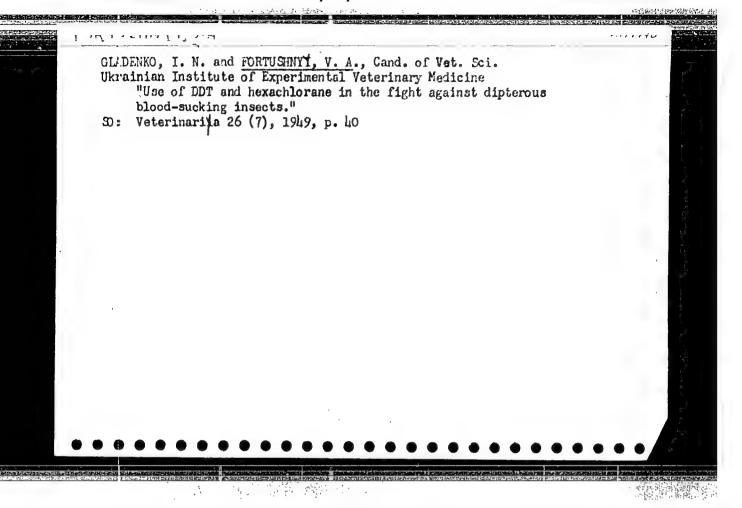
Veterinariya, Vol, 38, no. 10, October 1961, pp. 81-89

FOR TUSHNYI - Cand. Vet. Sic

OKUN'KOV, P.; OSTAPENKO, K.; YEPIFANOV, G.F.; MEDVEDEV, I.D.; FORTUSHNYY, V.; IBRAGIMOV, R.P.; KOLEGAYEV, G.

Brief news. Veterinariia 41 no.12:101-109 D '64. (MIRA 18:9)

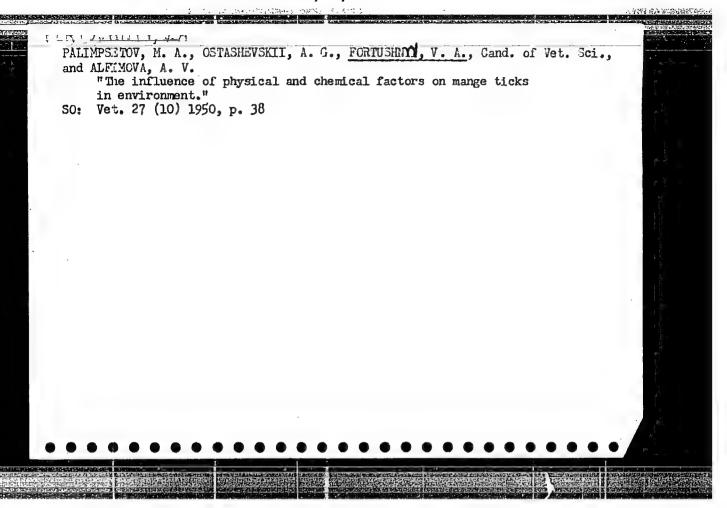




FORTUESHNYY, V. A.

25918. FORTUSHNYY, V. A. Lechenie nekrybatsilleza. Veterinariya, 1949, No. 8, S. 21-23.

So. Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949



- 1. Fortushnyy, V.A., Gladenko, I.N.
- 2. USSR (600)
- 4. Hexachloran
- 7. Testing the toxicity of hexachloran on warmblooded animals. Nauch. trudy UIEV 18, 1951.

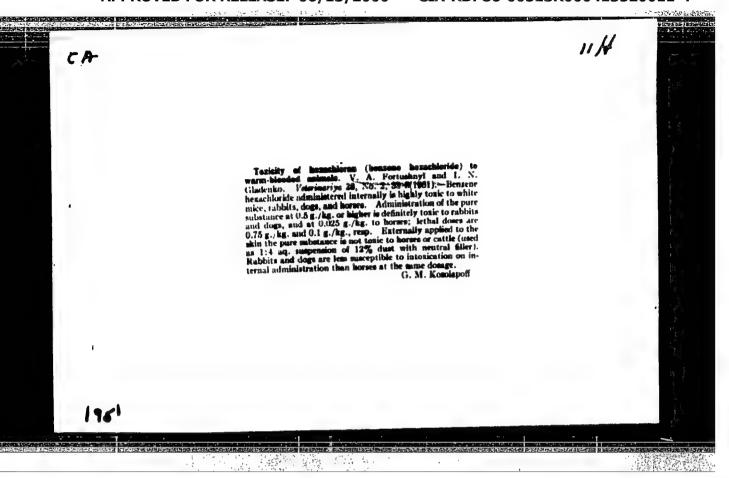
9. Monthly List of Russian Accessions. Library of Congress. March 1953 Unclassified.

- 1. PALIMPSECTOV, M. A.: FORTUSHNYI, V. A.: GLADENKO, I. N.
- 2. USSR (600)
- 4. Ticks
- 7. Studying the tick-killing properties of DDT and hexachloran in relation to pasure ticks and experiments in preventing tick infestation of farm animals. Nauch. trudy UIEV 18, 1951.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

- 1. FORTUSHNYY, V. A., GLADENKO, I. N.
- 2. USSR (600)
- 4. Gadflies Dnieper Valley
- 7. Horseflies (Tabanidae) of the Lower Dniefer flood plains and measures for their control. Nauch.trudy UTEV 18 1951,

Monthly Lists of Mussian Accessions, Library of Congress, March, 1953, Unclassfied.



FUNTUSHNYY, V. A.,

Veterinary Hygiene

Results of work in the Chuguevskii zootechnical veterinary district. Veterinariia 29 no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 195%, Unclassified.

Liv, Ve A.

25671

USSR/Biology - Insecticides

Mar 53

"Control of Blood-Sucking, Two-Winged Insects, by Means of Aerial Dispersion of Contact Poisons," I. N. Gladenko, Cand of Vet Sci, V. A. Fortushnyy, Ukr Inst of Exptl Vet Med

Veterinaria, No 3, pp 37-40

Describes exptl attempts to destroy the breeding places of harmful insects, such as mosquitos, horseflies, etc., by aerial dispersion of DDT and hexachlorane. Ascribes the highly satisfactory results obtained to careful prepn of the contact pcison, its proportions being

calculated as 1-2 kg per hectar; also to the freq of the operation, covering the same area not less than three times a month. The effectiveness of DDT and hexachlorane has been found to be approx the same. In bodies of water such as ponds, reservoirs, etc., these poisons showed essentially no adverse effects on zoological plankton, benthos and fish.

256T1

FORTUSHNYY, V. A.

PALIMPSESTOV, M. A. AND FORTUSHNYY, V. A.: New medicinal agents and their use in veterinary practice. Kiev. Agricultural Publishing House. 1952. 119 pages. Price 1 ruble, 95 kopeks. 30,000 copies. In Ukrainian.

Parasites and parasitoses of domestic animals. (collected works). Kiev. Publication of the Academy of Sciences, Ukrainian SSR. 1952. 124 pages with illustrations. Price 7 rubles, 55 kopeks. 2,000 copies. Resume of

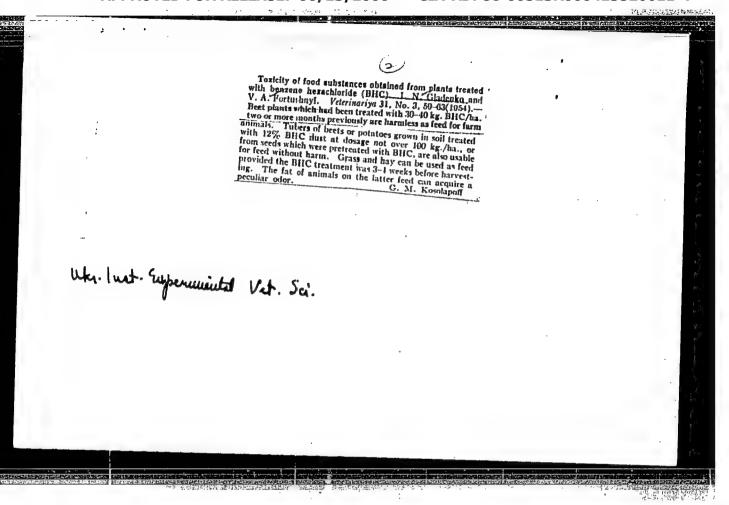
The works on morphology and physiology of grap karakul sheep. Moscow. Publication of the USSR Academy of Sciences. 1952. 259 pages with illustrations. No. 7. Price 14 rubles, 25 kopeks. 1,500 copies.

SO: Veterinariya; 30; (1); January 1953; Uncl. TABCON

GIADENKO, 1.N., kandidat veterinarnykh nauk; FORTUSHNYY, V.A., kandidat veterinarnykh nauk.

Control of bloodsucking diptera by airplane spraying of biotope area with contact poisons. Veterinariia 30 no.3:37-40 Mr 53.

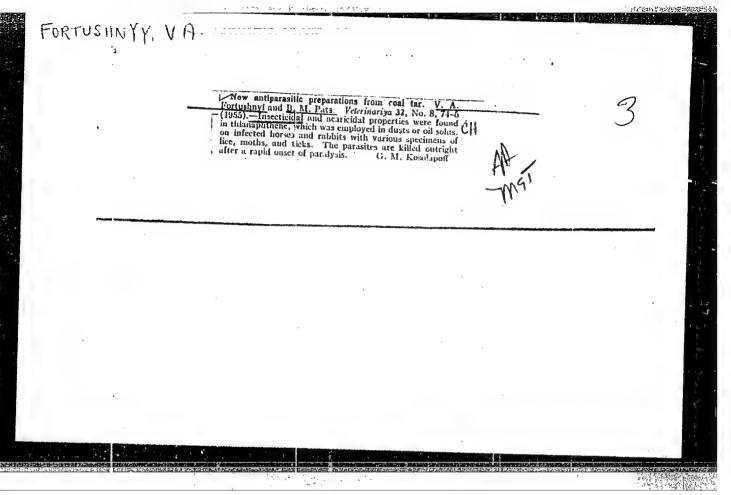
1. Ukrainskiy institut eksperimental'noy veterinarii. (MLRA 6:3)



FORTUSHNYY, V.A., kandidat veterinarnykh nauk.

Biemycin and levemycetin in paratypheid fever and colibacillessis in calves. Veterinariia 32 ne.2:36-38 F 155. (MLRA 8:3)

1. Ukrainskiy institut eksperimental'ney veterinarii. (ANTIBIOTICS) (CALVES-DISMASES) (PARATYPHOID FEVER)



VSSR / Pharmacology, Toxicology. Chemotherapeutic Preparations. ٧

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42461.

Author : Gladenko, I. N.; Fortushny, V.A.; Yezhova, O. I. Inst : Ukrainian Institute of Experimental Veterinary

Sciences.

Title : The Effect of Biomycin and Levomycetin upon the

Higher Nervous Activity in Animals.

Orig Pub: Byul, nauchno-tekhn, inform, Ukr, n-i, in-t eks-

perim. veterinarii, 1957, No 3, 24-26.

Abstract: It was demonstrated in experiments on rats with the aid of the conditioned reflex method that biomycin (I) and levomycetin exert an action upon the inhibition processes in the cerebral cortex. In moderate doses (25 mg/kg) this is manifested by intensification of the inhibitive processes

Card 1/2

GLADERIO, I.N., kand. vet. nauk; FORTUSHNYY V.A. kand. vet. nauk; MIKIFOROV, M.I., kand. vet. nauk.

Work practice of disinfection detachments in the Ukraine. Veterinariia 34 no.10:64-67 0 '57.

(Ukraine-Disinfection and disinfectants)

USSR / Pharmacology. Toxicology. Chemicotherapeutic V Preparations. Anti-Biotics.

Abs Jour : Ref. Zhur - Blologiya, No. 5, 1959, 14033

Author : Gladenko, I. N.; Fortushnyy, V. A.

Inst :-

Title : The Influence of Biomycin and Levomycetin on the Motor-Evacuatory Function of the Gastro-Intestinal

Tract in Figs and Dogs.

Orig Pub : Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t

eksperim. veterinarii, 1957, No. 3, 27-28

Abstract : It was shown that biomycin (I) and levomycetin

(II) influence the notility of the gastrointestinal tract in various ways. Laximum

therapeutic doses of I (25-30 mg/kg) in internal application increased the motor function of the

Card 1/2

USSR / Pharmacology. Toxicology. Chemicotherapeutic Preparations. Anti-Biotics.

V

Abs Jour : Ref.

: Ref. Zhur - Biologiya, No. 3, 1959, 14033

stomach and the small intestines. The peristaltic waves became more frequent, expressed and deep. Increased doses of I (50-75 mg/kg) induced similar, but more strongly-expressed changes. Small doses of I (15 mg/kg) did not induce an increase of stomach and intestine motility, and in individual cases even slowed down the movement of their content. II in a dose of 15-25-50 mg/kg weakened the motor function of the stomach and intestines. With application of II in a dose of 50-75 mg/kg, the effect was sharper. -- I. Ya. Panchenko

Cand 2/2

HSSR/Discuses of Farm Animals. Discuses Coused 3-1 by Viruses and Rickettsian.

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92698

Author

Fortushnyy, V. A., Gladenko, I. N. : Ukrainian Scientific Research Institute of Incl.

Votorinary Science.

1401a : Treating Enzootic Bronchopneumonia in Young

Pigs with Antibiotics.

Orig Pub : Byul, nauchno-tekhn. inform. Ukr. n.-i.

in-ta ekspirim, veterinarit, 1957, No 3,

34-35

Abstracs: Biomycin [chlortetracycline] (I), levery-cetin [chloramphenicol] (II), and streptomycin (III) were used. Into the pigs aged 1-4 months, I was introduced internally, intra-

Cand : 1/2

13

USCD/Discusses of Farm Animals. Discusses Chused R-1 by Viruses and Rickettsiae.

Abs Jour : Ref Thur-Biol., No 20, 1958, 92698

nuscularly, subcutaneously, or into the trachea twice a day during 6 days in a dose of 30 mg/kg. After an interruption of 2 days, the treatment was resumed for 4 days. IT was given internally in a dose of 2½ mg/kg twice a day, and III intramuseularly in a dose of 10 thousand units per 1 kg following the same time procedure as with I. I introduced perchally and intratracheally showed the best therapeutic results. II showed a less prenounced effect III a still weaker one. -- I. Ya. Panchenke

dard : 2/2

USBIN/Diseases of Farm Animals, Diseases Caused by Rasteria and R Fungi

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88233

Luthor : Fortushnyy V..., Gladenko I.N.

Inst : Ukrainian Scientific Research Institute of Apparimental

Vatarinary Medicine

Title : Study of the Medicinal Effects of Intibiotics in Sport meous

Paratyphoid Infections in Swine

Orig Pub : Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t oksperim.

veterinarii, 1957, No 5, 35-37

Abstract : Levomycetin (I), biomycin (II), and streptomycin (III) were

used as medications. I and II were administered internally in the form of a vater suspension 2 times daily in a dose of 36 mg/kg for 4-5 consecutive days, while III was injected

intramuscularly twice daily, each time in a dose of 10 thousand units per 1 kg of weight. Best therapeutic results (95.65 percent) were produced with II, and consults lesser results were obtained with I (93.9 percent). Redicinal effects

Chird : 1/2

TORTUSHNYY. V.A. kand. veterinarnykh nauk; GOVOROV, A.M., kand. veterinarnykh nauk; TSYMENKO, I.Z., veterinarnyy vrach; BOYCHENKO, A.S., veterinarnyy vrach; KALITENKO, Ye.T., veterinarnyy vrach

Stachybotrycoxis in cattle and its treatment. Veterinariia 36 no.9:67-70 S '59.

(Cattle-Diseases and pests)

(Mushrooms, Poisonous)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413520011-4"

人 以下的现在分词

FORTUSHNYY, V.A., kand.veterinarnykh nauk; GLADENKOV, I.N., kand. veterinarnykh nauk; PROSTYAKOV, A.P., kand.biologicheskikh nauk; SHMIDOV, P.N., mladshiy nauchnyy sotrudnik; YEZHOVA, O.I., starshiy laborant

Use of antibiotic aerosols in diseases of young pigs. Veterinariia 37 no.9:56-58 S '60. (MIRA 14:11)

1. Ukrainskiy nauchno-issledovateliskiy institut eksperimentalinoy veterinarii.

(Swine--Diseases and pests)
(Aerosol therapy) (Antibiotics)...

FORTUSHNYY, V.A.; YEZHOVA, O.I.

Sensitivity of pathogenic micro-organisms to antibiotics. Antibiotiki 6 no.5:441-442 My '61. (MIRA 14:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy veterinarii, Khar'kov.

(ANTIBIOTICS)

PROSTYAKOV, A.P.; FORTUSHNYY, V.A.; KOVYNDIKOV, M.S.

Changes in the blood serum protein content in pregnant cows and young calves. Ukr. biokhim. zhur. 33 no.4:505-513 161.

(MIRA 15:6)

1. Ukrainian Experimental Veterinary Research Institute, Kharkov.

(BLOOD PROTEINS) (PREGNANCY)

NOVIKOV, V.M., kand. veter. nauk; FORTUSHNYY, V.A., kand. veter. nauk; SHULYAK, V.D., mladshiy nauchnyy sotrudnik

Treatment of piglets infected with paratyphoid fever.
Veterinariia 39 no.11:42-44 N '62. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovateliskiy institut eksperimentalinoy veterinarii.

FORTUCHIVI, W.A.; HOVIKOV, V.M., kand, was what near; the F.S. V.B., retaining nauchnyy sotrudnik

Study and propagate the advanced practices of livestock farmers and veterinary specialists in the Ukraine. Veterina in 39 no.7:24-29
J1 162. (MIRA 18:1)

1. Ukrainskly nauchno-issledovateliskly institut eksperisentalincy veterinarii.

FORTUSHNYY, V.A., kand. veter. nauk; NOVIKOV, V.M., kand. veter. nauk

Elimination of undesirable microflora in the fermentation of native antibiotics. Veterinariia no.12:52-54 D '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel skiy institut eksperimental noy veterinarii.

CLADENKO, I.M.; FROSTYAYOV, A.F., FORTUSHINY, V.A., KHRCMENLO, I.I.

Biochemical changes in the blood of rabbits in experimental hexachloran polsoning, Farm. 1 taks. 76 no.1:108-113 Ja-F '63.

(MIR 17:7)

1. Otdel farmakelogii Ukrainskege nauchne-issledovatel'skege institute eksperimental'ney veterinarii.

Method of determining vitamin B<sub>12</sub> using Escherichia coli.
Mikrobiologiia 32 no.2:319-322 Mr-Ap '63. (MIRA 17:9)

l. Ukrainskiy nauchno-issledovatel†skiy institut eksperimental†noy veterinarii, Khar†kov.

FORTUSINYY, Vladimir Anisimovich; NOVIKOV, Vladimir Mitrofenovich; KALUGIN, Leonid Konstantinovich; CRECHKO, G.S.[Hrechko, H.S.], red.

[Prophylaxis o' diseases in young farm animals; aid to veter-inary specialists and stockbreeders] Profilaktyka khvorob molodniaka sil's'kohospodars'kykh tvaryn; na dopomohu veterynarnym spetrialistam i pratsivnykam tvarynnytstva. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1964. 74 p. (MIRA 18:2)

FORTUSHNYY, V.A., kand. veterinarnykh nauk; SHM100V, P.N., starshiy nauchnyy sotrudnik

Effect of antibiotics in paratyphoid fever of young pigs.

Veterinarita 41 no.4123-25 Ap 165. (MIRA 18:6)

1. Ukrainskiy nauchno-issledovateliskiy institut eksperimentalinoy veterinarila.

NOTIKOV, V.M. Rand. vetor. nauk; FORTUSHKY, V.A., kand. veter. nauk; SHULYAK, V.D., mladshly nauchnyy sotrudnik; TENSFROVSKAYA, V.K., veterinamy; vrach

hopelerated indicator method for determining vitable High Votevinaciii 42 no.5:106-108 My '65. (MIRA 18:6)

h. Okrainskiy pauchno-isələdovateliskiy institut eksperimentalinoy veterinamii.

NOVIKOV, V.M., kard, veter.nauk; FORTUSHNYY, V.A., kand.veter.nauk;
GENSEROVSIAYA, V.K., veterinarnyy vrach

Sensitiviry of the pathogen of swine erysipelas to antibiotics.
Veterinar:ia 41 no.7:26-27 J1 \*64.

(MIRA 18:11)

1. Ukrainskiy nauchno-issledovatel\*skiy institut eksperimental\*noy veter:narii.

FORTUSHNYY, V.A., kand. veter. nauk; SHMIDOV, P.N., nauchnyy sotrudnik; TIMOSHENKO, O.P., nauchnyy sotrudnik

Action of antibiotics and their combinations in colienteritis of calves. Veterinariia 42 no.12:11-13 D '65. (MIRA 19:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy veterinarii.

### FORTYN, Karel

Mosimphilic granuloma of the stomach. Rozhl.chir. 39 no.9:620-623 s 160.

1. Chirurgicke oddeleni nemocnice Sokolov, prednosta MUDr Karel Stropnicky.

(STOMACH dis.) (ROSIMPHILIC GRANULOMA case reports)

CIA-RDP86-00513R000413520011-4" APPROVED FOR RELEASE: 06/13/2000

STROPNICKY, Karel; FORTYN, Karel

2 rare cases of symovial blastoma. Acta chir. orthop. trauma. Gech. 28 no.2:96-99 Ap '62.

1. Chirurgicke oddeleni nemocnice v Sokolove, prim. dr. Karel Stropnicky.

(SYNOVIOMA case reports)

LIBANSKY, J.; MALASKOVA, V.; FORTYNOVA, J.; VOPATOVA, M.

THE HEAT PRINT IN THE PROPERTY WAS IN SAFE INTERPRETARING A TO A

Experiences with the transfusion of blood platelets in thrombocytopenias and thrombocytopathies. Cas.lek.cask. 98 no.49/50: 1568-1572 4 D 159.

1. Ustav hematologie a krevni transfuze, reditel prof.dr.J.Horejsi, klin.oddeleni, prednosta doc.dr. J. Libansky, a transfusni stanice, prednosta dr. M. Vopatova.

(BLOOD PLATELETS)
(BLOOD TRANSFUSION)
(THROMBOPENIA ther.)

### FORTYNOVA, J.

Czechoslovakia

Institute of Hematology and Blood Transfusion (Ustav hematologie a krevni transfuse v Praze), Prague; Director: J. HO-REJSI, MD, DSc; Clinic Director: J. LIBANSKY, MD.

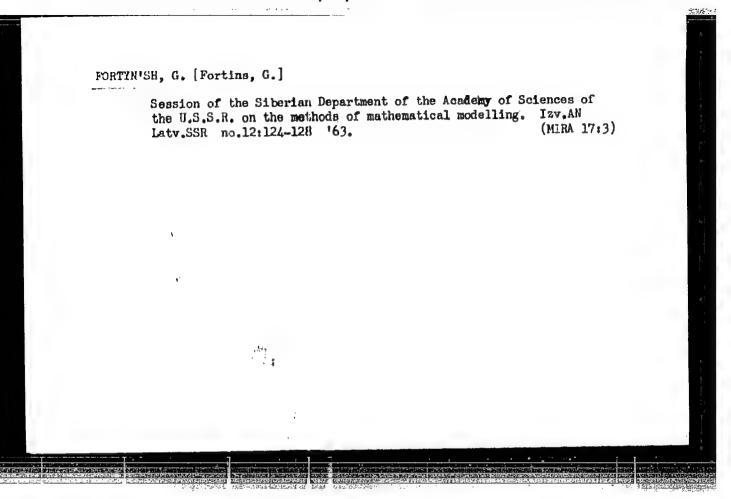
Brno, Vnitrni lekarstvi, No 10, Oct 62, pp 1063-1069.

"A Discussion of the Problem of the Mechanism of Leukergy."

Co-author:

POSPISILOVA, V., Institute of Hematology and Blood Transfusion, Prague.

(2)



FORVARD, F.A., professor; KHALPERN, Dzh., [HALPERN, G.] professor.

Hydrometallurgical processes at elevated pressures (from "Bull. of the Inst. of Mining and Metallurgy," Feb. 1957). Zhur.prikl.khim. 30 no.1:3-25 Ja '57. (MIRA 10:5)

1.Zaveduyushchiy gornym i metallurgicheskim otdeleniyem Universiteta Britanskoy Kolumbii, Vankuver, Kanada (for Forvard) (Hydrometallurgy)

# FORTYNOVA, J.

Czechoslovakia

Institute of Hematology and Blood Transfusion (Ustav hematologie a krevni transfuse v Praze), Prague; Director: J. HO-REJSI, MD, DSc; Clinic Director: J. LIBANSKY, MD.

Brno, Vnitrni lekarstvi, No 10, Oct 62, pp 1063-1069.

"A Discussion of the Problem of the Mechanism of Leukergy."

Co-author:

POSPISILOVA, V., Institute of Hematology and Blood Transfusion, Prague.

(2)

LIBANSKY, J.; CHROBAK, L.; MRKOS, D.; FORTYNOVA, J.; CERNIK, F.; SEMRAD, O.

Blood dryscrasias of drug etiology. Cas. lek. cesk. 101 no.51:1494-1503 21 D '62.

1. Ustav hematologie a krevni transfuze, prednosta prof. dr. J. Horejsi, DrSc., prednosta klinickeho oddeleni doc. dr. J. Libansky, II. interni klinika lekarske fakulty KU v Hradci Kralcve, prednosta prof. dr. J. Rehor, DrSc., I. interni klinika lekarske fakulty UJEvP v Brne, prednosta prof. dr. M. Stejfa, nemocnice v Havlickove Brode.

(AGRANULOCYTOSIS)

(DRUG ALLERGY)

NESMEYANOV, A.N.; FIRSOVA, L.P.; REYNKHARDT, M.; FORYS', M.;
KURGANOVA, S.Ya.

Preparation of indole tagged with carbon-14 by the hot synthesis method. Radiokhimila 4 no.6:739-740 '62. (MIRA 16:1) (Indole) (Carbon-Isotopes)

FIRSOVA, L.P.; FORVS'. M.

Mechanism of C<sup>14</sup> recoil atoms in systems containing indule. Padickhimita 6 no.5 v61C-61. 164. (MIRA 18:1)

FIRSOVA, L. P.; NESMEYANOV, A. N.; BARAKAT, M. F.; FORYS, M.

"The interaction of C<sup>1L</sup> recoil atoms in binary mixtures."

report presented at IAEA Symp on Chemical Effects Associated with Nuclear Reactions and Radioactive Transformations, Vienna, 7-11 Dec 64.

EWT(m)/T IJP(c) GD L 39542-66

SOURCE CODE: PO/0046/65/010/007/0427/0431 ACC NR: AP6008156

AUTHOR: Forys', Machislay-Forys, M.; Zlotovski, Ignatsy-Zlotovski, I.

CRG: Nuclear Chemistry Faculty, University of Warsaw, Warsaw

TITIE: Device for precise measurements of sup 14 C radioactivity in organic compounds

SOURCE: Nukleonika, v. 10, no. 7, 1965, 427-431

TOPIC TAGS: radioisotope, carbon, radioactivity measurement, radiochemistry, carbon compound

ABSTRACT: The construction and operation of a self-quenching G-M counter for measuring radioactivity of 14C in organic compounds, converted to CO2, is described. The statistical error involved in measuring specific activities of the order of 5 x 10-5 Mc/mg was less than 1%. Orig. art. has: 2 figures and 2 tables. /NA7

SUB CODE: 07, 18 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006 SOV REF: 001

Card 1/1 vmb

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413520011-4"

2

Forys, Stanislaw; Forts, Stanislaw; KALCZYNSKI, Jersy; LECZYCKA, Maria;
MALSKI, Lessek; Swindowska, Walentyna

Preventive vaccination against influenza in Krakow during 195455. Przegl. epidem., Warsz. 10 no.2:121-126 1956.

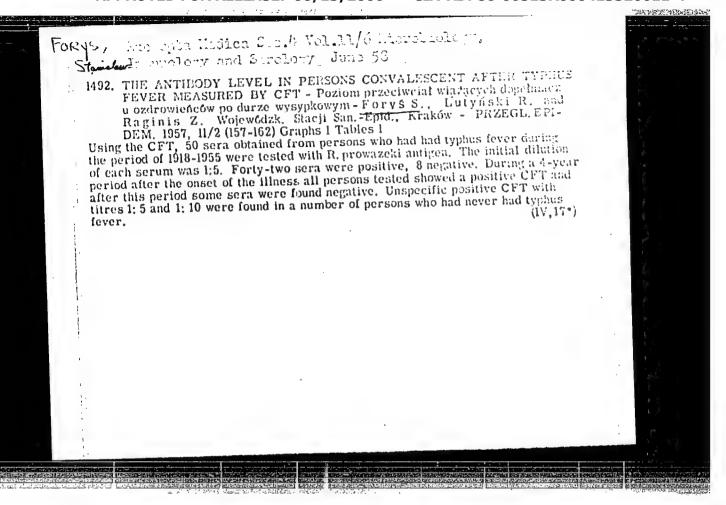
1. 2 Wojewodskiej Stacji Sanitarno-Epidemiologicznej w Krakowie.

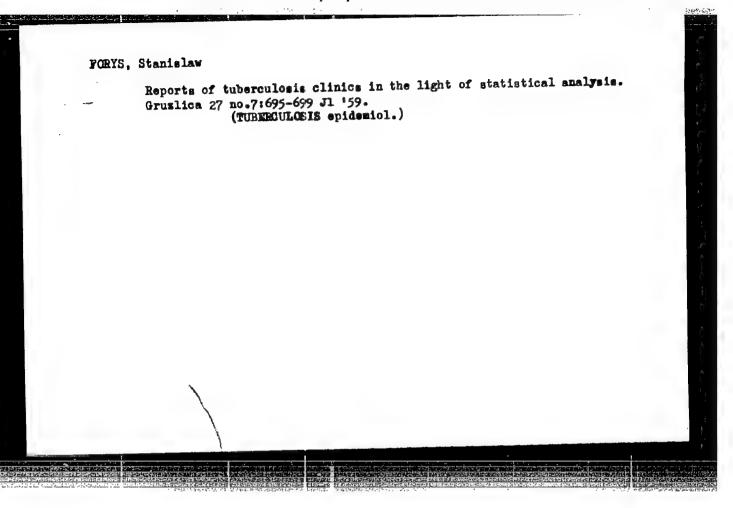
(INFLUENZA, prevention and control.

vacc. in Poland (Pol))

### "APPROVED FOR RELEASE: 06/13/2000 CIA

CIA-RDP86-00513R000413520011-4

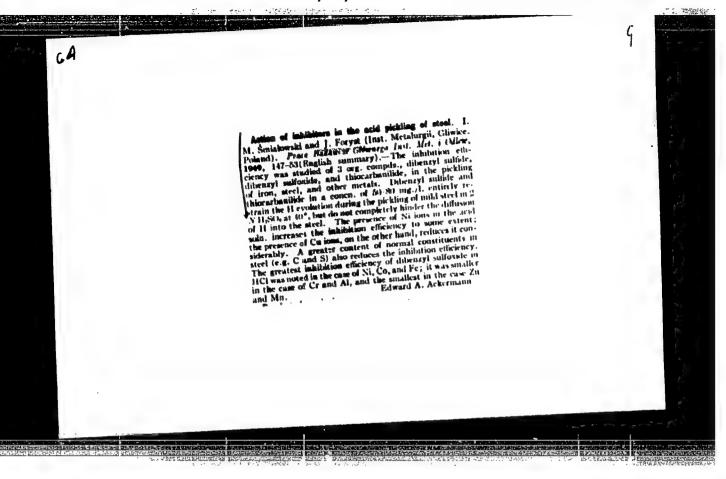




The lambing of sheep infected with Ricketsia burneti and the Q-fever in men. Rocz nauk roln wet 70 no.1/4:284 '60.

(EEAI 10:9)

(Sheep) (Rickettsia burneti) (Q fever)



### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000413520011-4

